Night Patriot

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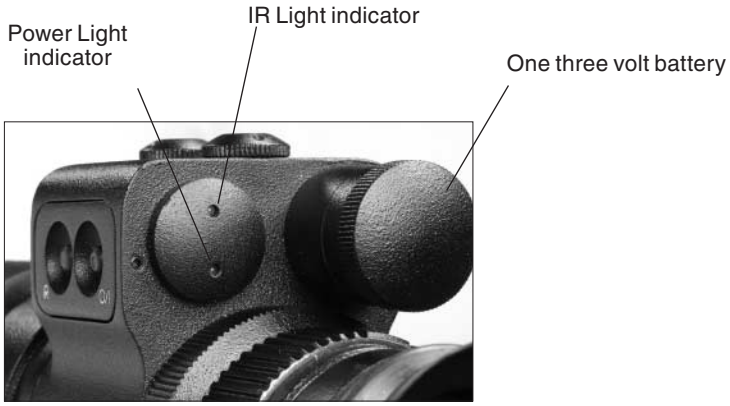

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APPLICATION

The Patriot Multi-Purpose System (MPS) is designed to be the ultimate Night Vision Device. This versatile unit can be used in night vision time situations as a compact hand spotting scope, a hands free goggle system, a weapon sight, and applicable for video or photography. If versatility is what you are looking for in night vision device then the Patrior MPS is the system for you. The Patriot system allows you to custom design your own personalized unit. By ordering different packages you can build a system that fits your specific night vision needs.

To build the perfect system you must start with the perfect base unit to build upon. By utilizing a high resolution 2nd or 3d generation US intensifier tube the Patriot has one of the brightest and sharpest images available. A built-in illuminator allows you to see clearly even in total darkness. Combine this with all glass optics specially coated to absorb light and the Patriot is an exellent compact pocket scope.

PATRIOT I

- 1st Generation US
- 1x30mm lens
- 30mm Eyepiece
- All glass multi-coated lenses
- Built in infrared Illiminator
- Soft carrying case
- Red on Green weapon sight eyepiece
- Mounting rings, 4x90mm 6 element lens
- Long Range IR
- Goggle Kit (Head set with chinstrap, Transfer piece)
- 3 element Magnification Doubler
- Camera/Camcorder adapter
- Pelican waterproof hard case

PATRIOT II

- 2nd Generation US
- 1x30mm lens
- 30mm Eyepiece
- All glass multi-coated lenses
- Built in infrared Illiminator
- Soft carrying case

PATRIOT III

- 3rd Generation US
- 1x30 mm lens
- 30 mm Eyepeice
- All glass multi-coated lenses
- Built in infrared Illiminator
- Soft carrying case

A Long range IR is also available. This will extend the infrared range out to 100 meters.

OPERATION

- Take the monocular out of the case.
- Install the batteries into the housing with the polarity order as shown on the scope. Battery Type: 3 Volt Lithium, #CR123A
- Press Button marked –/O to turn unit on with the protective lens cover still attached to the lens. **Do not turn unit on in the daytime without the protective lens cap on**. You should see a green glow in the eyepiece
- Observe the scene, and adjust the diopter for optimal image clarity.
- You may now enter a dark environment, or simply shut the lights off in order to darken the room.
- Next, remove the lens cap/daylight filter. Adjust front lens for distance focus. You should not have to readjust diopter.
- You will need to focus the objective lens for different distances.

LONG-RANGE INFRA-RED ILLUMINATOR

The long range IR works on a separate battery from the main unit. To install the battery unscrew cap and insert battery in the same direction as depicted by the diagram on the IR. To install the long range IR to the main body of the Patriot screw the thumb screw on the IR into the thread on the body of the Patriot.

You may notice that IR might not shine directly in the middle of your viewing image. This can be adjusted by unscrewing the lock ring, then adjusting the main body of IR. Once you have the IR aimed in the correct direction re-tighten locking ring. You may desire a different field of coverage from the IR illuminator. If so the beam is focusable. By turning the lens of the IR you will change the beam width slightly.

CHANGING FRONT LENS/DOUBLER

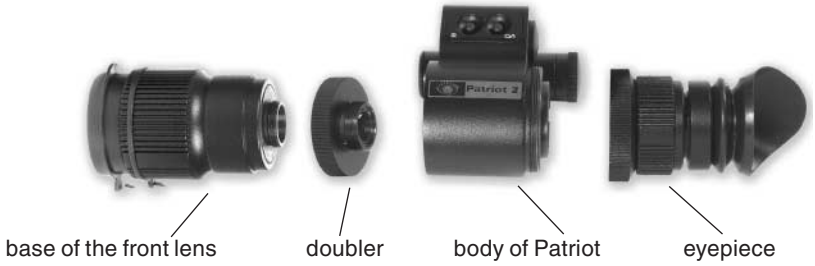
Increasing and decreasing magnification.

The Patriot can have several different magnifications. This is achieved by using different combinations of lenses and eyepieces. The table below shows what magnifications can be achieved.

To change eyepiece unscrew connector ring and remove eyepiece, screw new eyepiece on.

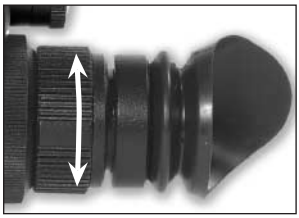
To remove the front lens unscrew the lens by turning the base of the front lens, screw new front lens on.

To add doubler insert Doubler between front lens and body of the Patriot.



	30mm eyepiece	15mm eyepiece
30mm lens	1x	2x
30mm lens & 2x doubler	2x	4x
90mm lens	3x	6x
90mm lens & 2x doubler	6x	12x

FOCUSING



To focus the Patriot first you will need to adjust the diopter. Simply turn the diopter clockwise until it stops. Then, while looking through the diopter at a subject, slowly turn the diopter back counter clockwise until the grain in the image is sharp.

NOTE: *We suggest that you focus the diopter during daylight with the filter on.*

Next. When you are in low-light conditions and the daylight filter is off, you may focus the front lens to receive a sharp image, the diopter should not be adjusted.

NOTE: *The front lens should be readjusted as you view objects at different distances.*

INFRA-RED ILLUMINATOR

Infra-red illuminators, or IR illuminators, are common to night vision. The IR light greatly enhances the performance of the Patriot while remaining almost totally invisible to the naked eye. The IR illuminator on the Patriot is located on the side of the unit.

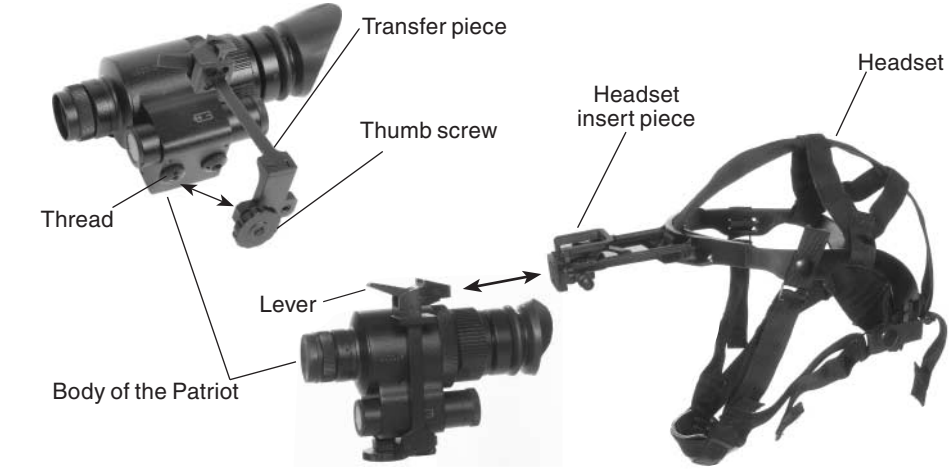
To turn the IR on, push the IR button and you will see an orange indicator light come on. It is important to remember that the IR illuminator is simply an infra red light source, and like any light source, it may loose its effectiveness over a great distance. This IR should illuminate out to approximately 30 yards. For a longer IR distance add the long range IR.

NOTE: *The IR will automatically turn off when the unit's main power is turned off.*

GOGGLE SYSTEM

To turn the Patriot into a goggle system you need to attach the transfer piece to the main body of the Patriot. Screw the thumb screw on the transfer piece into the thread on the body of the Patriot.

Then, to put the Patriot onto the Headset, insert the piece of the transfer piece into the Headset. To disassemble, push down the lever.



USING THE CAMERA ADAPTER (OPTIONAL)

To use your Patriot with a 35mm camera or camcorder you will need the following:

1) If you plan to use a camcorder then your camcorder must have a MACRO feature. Most modern camcorders today have a MACRO feature builtin.

2) If you plan to use a 35mm camera, you will need a MACRO lens. If you don't have one, we advise that you contact your local camera store.

3) You may or may not need a STEP-UP or STEP-DOWN ring in order to adapt the camera adapter to your lens. NOTE: The camera adapter comes with 37mm and 52mm threads. If you need other sizes your local camera store should be able to help.

- Remove the rubber eyecup from the Patriot
- Screw the camera adapter onto the front of the lens on your Video camera's lens or your 35mm camera's lens.
- Loosen the three set screws on the camera adapter.
- Place the camera adapter over the Patriot's eyepiece.
- Tighten the three set screws to fit snugly to the Patriot's eyepiece
- You may need to focus the 35mm camera or video camera in combination with the Patriot in order to get the sharpest possible image.
- We suggest that you find an open space to work in. Focus the Patriot so that the scene is at its sharpest. For best results you should disable the auto focus (if any) on either the 35mm camera or the video camera and manually focus the 35mm camera or the video camera. Once the image is sharp, then simply adjust the Patriot's front lens to change focus.

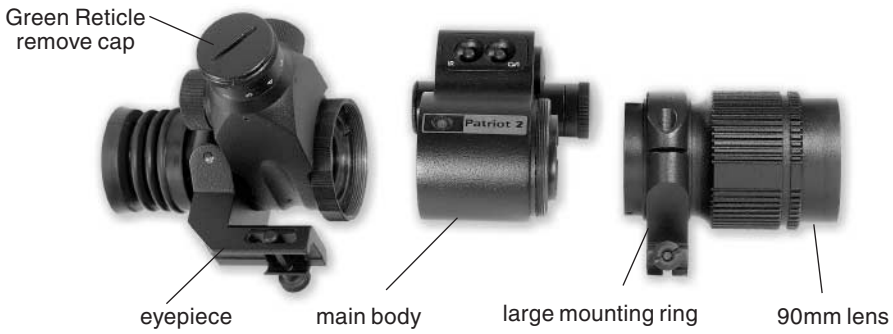
Camera adapter

**An important part to remember is that you are not taking a picture of an object that is far away from you, but you are actually taking a picture of a phosphorous screen of the Patriot that is only 2-3 inches away.*

WEAPON KIT

First remove eyepiece. Add Red on Green Reticle eyepiece to main body of the Patriot. Remove the 30mm front lens and add the 90mm lens. Put the large mounting ring around the front lens. Mount the scope to the standard weaver rail.

To insert the battery, 3V, Lithium (CR2032), into Red on Green Reticle remove the cap. Brightness of the reticle can be adjusted by turning the numbered dial on the reticle. To adjust windage and elevation remove the dust caps off of the knobs. Each click equals 1/8 inch at 100 yards.

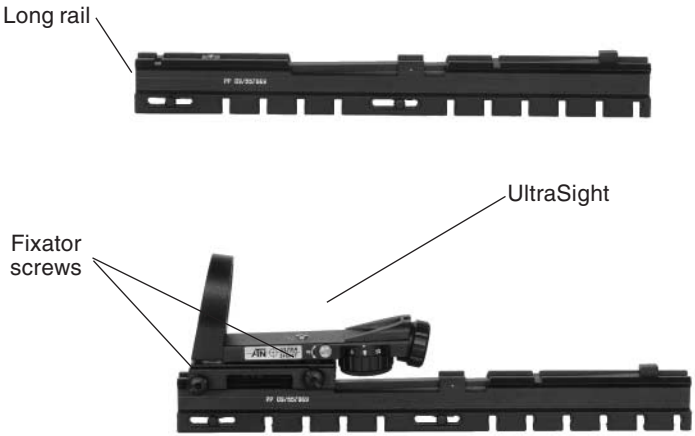


BI-OCULAR KIT

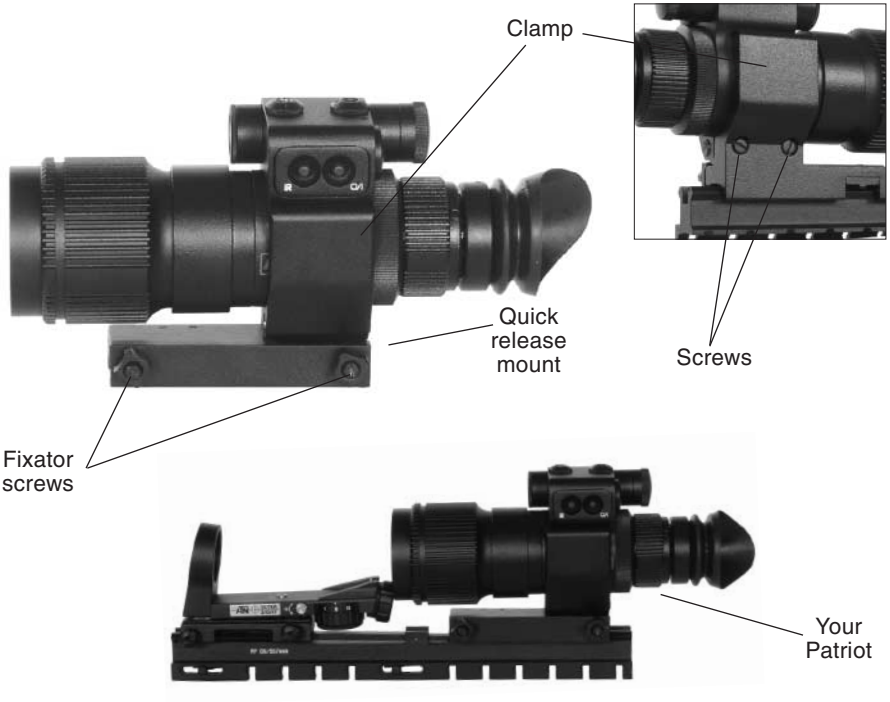
To replace an eyepiece with a bi-ocular eyepiece unscrew the joint ring and take the eyepiece off. Set up the bi-occular eyepiece and screw its join ring.

TACTICAL DAY/NIGHT SYSTEM

- Place the Long rail to standard US weaver of the fire arm.
- Slightly loosen fixator screws of the Ultra Sight mount.
- Place the Long rail to standard US weaver of the fire arm.
- Tighten fixator screws of Ultra Sight.
- Place the Patriot into clamp of Quick release mount and tighten the screws of the clamp.
- Place the Quick release mount with Patriot on the Long rail behind the Ultra Sight.
- At the same time the Ultra Sight will be switched into the IR night mode automatically.
- Tighten fixator screws of the Quick release mount.
- For daytime use of the system loosen fixator screws of the Quick release mount and remove the Quick release mount with Patriot from the Long rail.



Position for daytime use



Position for nighttime use

STORAGE AND CARE

If the device is not to be used for extended period of time (more than 10 days) remove the battery.

Avoid touching lenses. If fingerprints or traces of dirt or dust appear, clean surface with a Photographic lens cleaning tissue.

Keep lens cap/daylight filter on when not in use.

The Patriot is not harmful to the user or the environment.

Do not disassemble except for cleaning the front lens, eyepiece, install the doubler or any other "C" mount lens: **it will void your warranty.**

Evaluate the scope's function by looking through it in a lit environment with the daylight filter lens cap on. **Never use in daylight without the daylight filter lens cap on.**

Never point the PATRIOT at a bright light source.

Adverse atmospheric conditions, such as fog, smog, or haze, and a lack of ambient light (moon or starlight) may diminish the effective viewing distance.

PATRIOT SPECIFICATIONS

Part name	Includes
Patriot I	1st Gen. Pocket Scope, 30mm lens and 30mm eyepiece, soft carry case, Red on Green weapon sight eyepiece, Mounting rings, 4x90mm 6 element lens, Long Range IR, Goggle Kit (Head set with chinstrap, Transfer piece), 3 element Magnification Doubler, Camera/Camcorder adapter, Pelican waterproof hard case, Instruction Manual and one CR123A Lithium battery
Patriot II	2nd Gen. Pocket Scope, 30mm lens and 30mm eyepiece, soft carry case, Instruction Manual and one CR123A Lithium battery
Patriot III	3d Gen. Pocket Scope with 30mm lens and 30mm eyepiece, soft carry case, Instruction Manual and one CR123A Lithium battery
Weapon Kit	Red on Green weapon sight eyepiece, Mounting rings, 4x90mm 6 element lens, Long Range IR, Pelican waterproof hard case
The Supreme Surveillance System	Goggle Kit (Head set with chinstrap, Transfer piece), 4x90 mm 6 element lens, 3 element Magnification Doubler, 15mm High power Eyepiece, Camera/Camcorder adapter, Super long range IR, Pelican waterproof hard case
The Ultimate Kit	Red on Green weapon sight eyepiece, Mounting rings, 4x90mm 6 element lens, Long Range IR , Goggle Kit (Head set with chinstrap, Transfer piece), 3 element Magnification Doubler, 15mm High power Eyepiece, Camera/Camcorder adapter, Pelican waterproof hard case
Bi-ocular Kit	Bi-ocular eyepiece and 90mm lens, turns the Patriot into a 5x bi-ocular
Tactical Day/Night System 1	Ultra-sight, Long rail, quick release mount, and 90mm lens, long range IR, Hard Case
Tactical Day/Night System 2	Ultra-sight, Long rail, and quick release mount, Pelican waterproof hard case

2 YEAR PRODUCT WARRANTY

This product is guaranteed to be free from manufacturing defects in material and workmanship under normal use for a period of 2 (two) years from the date of purchase. In the event a defect that is covered by the foregoing warranty occurs during the applicable period stated above, ATN, at its option, will either repair or replace the product, and such action on the part of ATN shall be the full extent of ATN's liability, and the Customer's sole and exclusive remedy. This warranty does not cover a product (a) used in other than its normal and customary manner; (b) subjected to misuse; (c) subjected to alterations, modifications or repairs by the Customer of by any party other than ATN without prior written consent of ATN; (d) special order or "close-out" merchandise or merchandise sold "as-is" by either ATN or the ATN dealer; or (e) merchandise that has been discontinued by the manufacturer and either parts or replacement units are not available due to reasons beyond the control of ATN. ATN shall not be responsible for any defects or damage that in ATN's opinion is a result from the mishandling, abuse, misuse, improper storage or improper operation, including use in conjunction with equipment which is electrically or mechanically incompatible with or of inferior quality to the product, as well as failure to maintain the environmental conditions specified by the manufacturer. **CUSTOMER IS HEREBY NOTIFIED THAT OPERATION OF THE EQUIPMENT DURING DAYLIGHT HOURS OR UNDER ANY EXCESSIVE LIGHT CONDITIONS MAY PERMANENTLY DAMAGE THE INTERNAL COMPONENTS OF THE UNIT AND SAID DAMAGE WILL NOT BE COVERED UNDER THIS WARRANTY.** This warranty is extended only to the original purchaser. Any breach of this warranty shall be waived unless the customer notifies ATN at the address noted below within the applicable warranty period.

The customer understands and agrees that except for the foregoing warranty, no other warranties written or oral, statutory, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose, shall apply to the product. All such implied warranties are hereby and expressly disclaimed.

LIMITATION OF LIABILITY

ATN will not be liable for any claims, actions, suits, proceedings, costs, expenses, damages or liabilities arising out of the use of this product. Operation and use of the product are the sole responsibility of the Customer. ATN's sole undertaking is limited to providing the products and services outlined herein in accordance with the terms and conditions of this Agreement. The provision of products sold and services performed by ATN to the Customer shall not be interpreted, construed, or regarded, either expressly or implied, as being for the benefit of or creating any obligation toward any third party of legal entity outside ATN and the Customer; ATN's obligations under this Agreement extend solely to the Customer. **ATN's liability hereunder for damages, regardless of the form or action, shall not exceed the fees or other charges paid to ATN by the customer or customer's dealer. ATN shall not, in any event, be liable for special, indirect, incidental, or consequential damages, including, but not limited to, lost income, lost revenue, or lost profit, whether such damages were foreseeable or not at the time of purchase, and whether or not such damages arise out of a breach of warranty, a breach of agreement, negligence, strict liability or any other theory of liability.**

PRODUCT WARRANTY REGISTRATION

In order to validate the warranty on your product, ATN must receive a completed Product Warranty Registration Card for each unit. Please complete the form below and immediately mail it to our Service Center: ATN Corporation, 20 South Linden Ave., Suite 1B, South San Francisco CA 94080. Products qualifying for warranty repair will be either repaired or replaced within 10 business days of receipt of merchandise unless the customer is notified otherwise.

OBTAINING WARRANTY SERVICE

To obtain warranty service on your unit, take or send the product, postage paid, with a copy of your sales receipt to our service center, ATN Corporation at the address noted above. All merchandise must be fully insured with the correct postage; ATN will not be responsible for improper postage, or, missing or damaged merchandise during shipment.

For customer service and technical support, please contact
American Technologies Network Corp.

North American Office

20 S. Linden Ave. Suite 1B, South San Francisco, CA 94080

phone: 800-910-2862, 650-875-0130; fax: 650-875-0129

European Office

phone: 44(0)870-0111286, fax: 44(0) 845-3349142

The following countries can use our
toll free number 00 800 9102-8620

Austria, France, Germany, Holland, Italy, Spain, Sweden, Switzerland

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